

Figure 1:

What most of us have implemented

it is possible to implement it this way. in this case java/C++ won't throw any error and also can be shown as example for abstract factory.

But then what is observed in subclasses india, Europe and usa is they have same attributes with different values which is not a great idea for programming.

There is not much difference between minivan for india, euorpe and usa. But there is difference between a minivan and suv so why not make these as the classes for each country instead of making country classes inside minivan or suv.(Next figure)

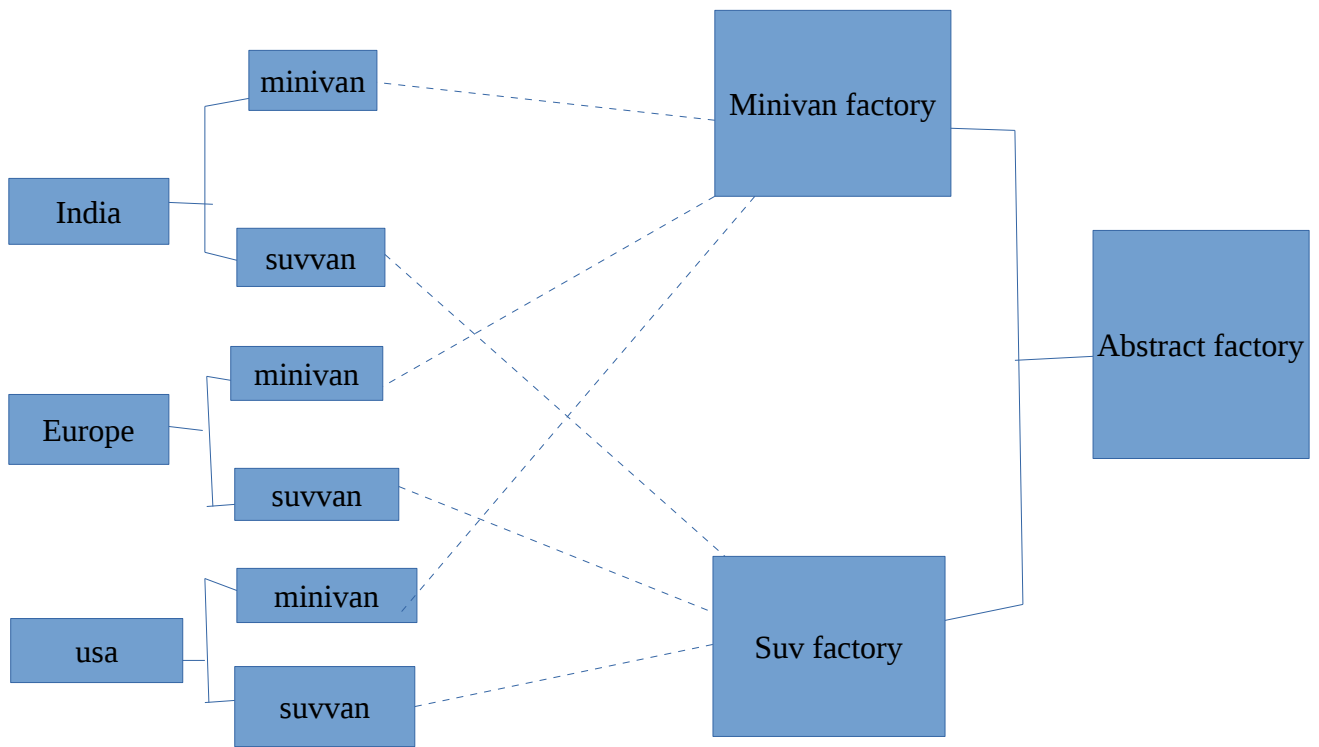


Figure 2

A better way of showing the abstract factory pattern in Question.